

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#)
[Review](#)[FAQ](#)[Terms](#)[IEEE Peer](#)[Quick Links](#)

» Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **3** of **966109** documents.A maximum of **3** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one the text box.

Then click **Search Again**.**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Fast automatic X-ray image processing by means of a new multistage f for background modelling***Hanke, R.F.; Hassler, U.; Heil, K.;*Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference ,
Volume: 1 , 13-16 Nov. 1994

Page(s): 392 -396 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) **IEEE CNF****2 A new algorithm for flaw simulation in castings by superimposing projections of 3D models onto X-ray images***Mery, D.;*Computer Science Society, 2001. SCCC 2001. Proceedings. XXI Internatinal
Conference of the Chilean , 7-9 Nov. 2001

Page(s): 193 -202

[\[Abstract\]](#) [\[PDF Full-Text \(1202 KB\)\]](#) **IEEE CNF****3 Automated flaw detection in aluminum castings based on the tracking of potential defects in a radioscopic image sequence***Mery, D.; Filbert, D.;*

Robotics and Automation, IEEE Transactions on , Volume: 18 Issue: 6 , Dec. 2002

Page(s): 890 -901

[\[Abstract\]](#) [\[PDF Full-Text \(1224 KB\)\]](#) **IEEE JNL**

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	761701	((x-ray) or (x ray))	USPAT	2003/09/03 20:53
2	BRS	L2	8727	1 and (radiography or radiographic or radioscopic)	USPAT	2003/09/03 20:54
3	BRS	L3	5456	2 and radiation	USPAT	2003/09/03 20:54
4	BRS	L4	337	3 and ((optical adj fiber) or (fiber adj optic))	USPAT	2003/09/03 20:56
5	BRS	L5	140	4 and frequency	USPAT	2003/09/03 20:56
6	BRS	L6	68	5 and communicat\$	USPAT	2003/09/03 20:56
7	BRS	L7	34	6 and (real adj time)	USPAT	2003/09/03 20:57

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0
6			0
7			0

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6602714 B1	20030805	44
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6570150 B2	20030527	24
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6564087 B1	20030513	28
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6510202 B2	20030121	38
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6504895 B2	20030107	100
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6470071 B1	20021022	99
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6304769 B1	20011016	23
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6243441 B1	20010605	32
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6216540 B1	20010417	37
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6205199 B1	20010320	26
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6201880 B1	20010313	36
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6087618 A	20000711	16
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5994713 A	19991130	38
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5986278 A	19991116	34
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5956382 A	19990921	17

	Title	Current OR	Current XRef	Retrieval Classif
1	Viscosity and mass sensor for the high-throughput synthesis, screening and characterization of combinatorial libraries	436/2	422/68.1; 436/165; 436/37; 436/85; 73/24.06; 73/54.01; 73/54.23; 73/54.24; 73/54.25; 73/54.26; 73/54.27; 73/54.41; 73/590; 73/655	
2	Image processing apparatus	250/252.1	250/553	
3	Fiber optic needle probes for optical coherence tomography imaging	600/478		
4	Imaging apparatus, imaging method, and storage medium	378/155	378/154	
5	Method and system monitoring image detection	378/19	378/4; 378/901	
6	Real time data acquisition system including decoupled host computer	378/62	378/37; 378/4; 378/901	
7	Magnetically directable remote guidance systems, and methods of use thereof	600/424	604/528	
8	Active matrix detector for X-ray imaging	378/98.8	378/98.7	
9	High resolution device and method for imaging concealed objects within an obscuring medium	73/633		
10	Pixel-correlated, digital X-ray imaging system	378/98.8	378/98.2	
11	Method and apparatus for electronically imaging a tooth through transillumination by light	382/100	348/66; 382/115; 382/128; 433/29	
12	X-ray imaging array detector and laser micro-milling method for fabricating array	219/121.6	219/121.67; 219/121.68; 219/121.69; 219/121.72	
13	Filmless photon imaging apparatus	250/591	250/370.09; 257/E27.146	
14	Filmless photon imaging apparatus	250/580	250/370.09	
15	X-ray imaging array detector and laser micro-milling method for fabricating array	378/98.8	250/367	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	Tagge, Christopher D. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6602714	<input type="checkbox"/>
2	Tsujii, Osamu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6570150	<input type="checkbox"/>
3	Pitris, Constantinos et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6564087	<input type="checkbox"/>
4	Tamura, Toshikazu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6510202	<input type="checkbox"/>
5	Dixon, Walter Vincent et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6504895	<input type="checkbox"/>
6	Baertsch, Richard Dudley et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6470071	<input type="checkbox"/>
7	Arenson, Ronald L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6304769	<input type="checkbox"/>
8	Zur, Albert	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6243441	<input type="checkbox"/>
9	Nelson, Robert S. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6216540	<input type="checkbox"/>
10	Polichar, Raulf M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6205199	<input type="checkbox"/>
11	Elbaum, Marek et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6201880	<input type="checkbox"/>
12	Wiener-Avnear, Eliezer et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6087618	<input type="checkbox"/>
13	Becker, Charles D. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5994713	<input type="checkbox"/>
14	Becker, Charles D. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5986278	<input type="checkbox"/>
15	Wiener-Avnear, Eliezer et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5956382	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5909478 A	19990601	21
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5859893 A	19990112	187
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5835561 A	19981110	198
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5828726 A	19981027	20
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5751785 A	19980512	189
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5747610 A	19980505	9
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5729584 A	19980317	195
23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5682412 A	19971028	63
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5651047 A	19970722	125
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5644612 A	19970701	108
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5608774 A	19970304	36
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5368015 A	19941129	17
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5091653 A	19920225	10
29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5061841 A	19911029	125

	Title	Current OR	Current XRef	Retrieval Classif
16	Portable, digital X-ray apparatus for producing, storing and displaying electronic radiosopic images	378/98.2	378/98.8	
17	X-ray collimation assembly	378/154	378/145; 378/147	
18	Scanning beam x-ray imaging system	378/98	378/146	
19	Portable, digital X-ray apparatus for producing, storing, and displayng electronic radiosopic images	378/98.2	378/98.8	
20	Image reconstruction methods	378/146	378/4; 378/901; 378/98.2	
21	Polymer optical fibers and process for manufacture thereof	526/73	526/329.2; 526/329.7	
22	Scanning-beam X-ray imaging system	378/146		
23	X-ray source	378/98.6	378/113; 378/137	
24	Maneuverable and locateable catheters	378/98.8	378/19; 600/373; 600/433	
25	Image reconstruction methods	378/98.2	378/146; 378/4; 378/98.6	
26	Portable, digital X-ray apparatus for producing, storing, and displaying electronic radiosopic images	378/98.8	378/102	
27	Automated surgical system and apparatus	600/104	128/903; 600/111; 600/139; 600/146; 600/153; 600/166	
28	Fiber optic dosimeter using electron trapping materials employing technique for eliminating background fluorescence	250/484.5		
29	Apparatus and methods for controlling a welding process	219/130.01		

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
16	Polichar, Raulf M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5909478	<input type="checkbox"/>
17	Moorman, Jack W. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5859893	<input type="checkbox"/>
18	Moorman, Jack W. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5835561	<input type="checkbox"/>
19	Polichar, Raulf M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5828726	<input type="checkbox"/>
20	Moorman, Jack W. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5751785	<input type="checkbox"/>
21	Katoot, Mohammad W.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5747610	<input type="checkbox"/>
22	Moorman, Jack W. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5729584	<input type="checkbox"/>
23	Skillicorn, Brian et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5682412	<input type="checkbox"/>
24	Moorman, Jack W. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5651047	<input type="checkbox"/>
25	Moorman, Jack W. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5644612	<input type="checkbox"/>
26	Polichar, Raulf M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5608774	<input type="checkbox"/>
27	Wilk, Peter J.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5368015	<input type="checkbox"/>
28	Creager, Ramon E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5091653	<input type="checkbox"/>
29	Richardson, Richard W.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5061841	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4943702 A	19900724	
31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4739404 A	19880419	
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4628356 A	19861209	
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4601051 A	19860715	
34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4595820 A	19860617	

	Title	Current OR	Current XRef	Retrieval Classif
30	Apparatus and methods for controlling a welding process	219/124.34	219/130.01	
31	Apparatus and methods for controlling a welding process	348/719	348/90	
32	Digital X-ray scanner	378/98.8	378/146	
33	Protective circuit for X-ray generator	378/118	378/105; 378/112	
34	Apparatus and methods for controlling a welding process	219/137PS	219/130.01; 219/130.21; 219/130.51	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
30	Richardson, Richard W.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
31	Richardson, Richard W.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
32	Spillman, Donald W. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
33	Santurtun, Carlos M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
34	Richardson, Richard W.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>